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U. S. Department of Agriculture



SUPERIOR
Seed, Bulb and Plant Co.

71-79 WEST 45th ST.
NEW YORK ♦ ♦ N.Y.



We Aim to Please . . .

While the year 1941 marks the formal beginning of the Superior Seed, Bulb and Plant Co. we hasten to assure all who favor us with their patronage, that all associated with our firm have a thorough knowledge of the business and therefore are fully acquainted with the most reliable sources for seeds, plants bulbs and supplies.

The working head of this company has spent 38 years of his life in catering to the needs of garden and estate owners who desire the best in seeds, bulbs and plants. During this long period he was associated with five different New York seed houses of highly reputable character. Prior to the founding of the Superior Seed, Bulb and Plant Co. he was for 23 years, Vice President of the concern with which he was connected.

The reputation gained by him during these long years he aims to uphold and he will loyally be backed by those associated with him.

While the offerings in this list are necessarily limited, we are prepared to supply any item that may be considered as belonging to the seed, bulb and plant business, with the assurance that nothing but the finest quality will be handled. The company aspires to merit your confidence and patronage in future years, and feels sure of such after a trial order.

*Superior Seed, Bulb and
Plant Co.*



Lawns

Spring and Fall are the best seasons for the making of a new lawn and showery weather provides the ideal conditions. If the work is done in the late Spring or in the Summer and the area prepared without any rain in sight, soak the ground thoroughly almost to a mud condition and sow the seed about one to two hours afterwards.

Mowing may be begun when the grass is 3 inches high. Do not clip too closely the first time or two. The lawn may be clipped closer when it has become established.

Top Dressing. On a first-year lawn, a light application of **Superior-X** fertilizer about once a month ensures the correct feeding of the grass rootlets and enables the soil to provide the maintenance of moisture supply. Immediately after top-dressing a lawn, *sprinkle thoroughly with water.*

Maintenance. Every lawn should be well rolled at least once a year, especially after the Spring thaws. This rolling corrects irregularities of surface and firms the turf. Top dressing and frequent cutting are the most aggressive methods against weeds.

Every lawn will be improved by a light **reseeding** each Spring and Fall using say 25 per cent to 50 per cent of the quantities recommended for a new lawn.

Bare spots should be turned over with the spade, the soil thoroughly pulverized and fertilized and then heavily seeded. Thin places can be thoroughly disturbed with the use of an iron tooth rake and similarly treated.

After reseeding keep the lawn well sprinkled for a few days.

Attaining and Maintaining a SUPERIOR Lawn

To begin with, the essentials for a **SUPERIOR-Lawn** are excellent drainage and at least 6 to 8 inches of first-class surface soil. These matters should receive earnest attention. If it is necessary to purchase top-soil, care should be taken in obtaining same from pasture-land as soil from the woods or from truck-farms usually carries a great amount of weeds, which very often are a source of trouble and vexation for years.

Dig up or plow to a depth of at least 8 inches, removing all stones, roots, trash, etc., and breaking up all clumps of earth until the soil area is in workable shape.

Spread Superior-X Fertilizer at the rate of 2 lbs. to every 20 square feet and work this in with spade or rake. **Superior-X Fertilizer** ensures proper fertilization and at the same time provides the soil with moisture-attracting humic properties which sustain the growth

of the grass during dry spells. After working in the fertilizer as above, rake the area to a smooth, even grade.

If time permits, do nothing further for about one week which will give the soil opportunity to settle and weed-seeds to sprout. Such weeds can then be destroyed and any surface irregularities due to the settling process may be corrected by a final raking, which also further prepares the topmost surface for the sowing of the grass seed.

The seed to be used is of vital importance. The Lawn Seed Mixtures herein listed are scientifically formulated from years of prac-

tical experience in the building of lawns of outstanding beauty and endurance.

The seed should be sown at the rate of 1 lb. to every 200 square feet (10x20 feet). The more seed sown the better the results and even twice the quantity named will do no harm. Broadcast half the seed in one direction say north to south, then the other half at right angles to the first sowing, say east to west. This method ensures even distribution. Wait for a calm day for it is most difficult to get a good job when there is a wind blowing. After sowing rake very, very lightly. Then go over the area with a light roller or spank down if no roller available.

100 lbs.

SUPERIOR-X LAWN SEED MIXTURE. The finest combination of high-grade individual grasses including Bent Grass to produce a truly superior lawn —one which is outstanding for its wonderful color and its fine texture. Its enduring qualities are remarkable, even under most adverse conditions.	25 lbs. \$16.00, \$60.00
PARK SPECIAL LAWN SEED MIXTURE. A blend of sterling quality, producing a fine turf of good color which endures throughout the season and well into the Winter.	25 lbs. \$15.00, 50.00
THE FAVORITE GRASS SEED MIXTURE. An inexpensive blend of good grasses which produces a good, sound turf of excellent wearing qualities. Good color and texture.	35.00
SUPERIOR-SHADY LAWN SEED MIXTURE. Compounded expressly for the production of fine turf under trees and in other shady places.	25 lbs. \$16.00, 60.00
BENT SPECIAL LAWN SEED MIXTURE. There is now a demand for a mixture heavy in Bent grass and this Bent Special mixture is especially compounded to meet this demand. It is of course a very excellent blend and will give excellent results.	Lb. \$1.50, 145.00
ATHLETIC FIELD MIXTURE. This mixture comprises grasses especially adapted for hard-wearing turf. Playing areas are obtained quickly by the use of this seed, which produces a turf of good texture and permanence.	35.00
HAY AND PASTURE MIXTURE for Light Soils.	40.00
HAY AND PASTURE MIXTURE for Heavy Soils.	45.00
HAY AND PASTURE MIXTURE for Heavy Wet Soils.	50.00
HAY AND PASTURE MIXTURE for Hay.	30.00
POLO MIXTURE for Polo Turf.	55.00
PUTTING GREEN MIXTURE—Fescue Formula.	80.00
PUTTING GREEN MIXTURE—Bent Formula.	90.00
TENNIS COURT MIXTURE for Grass Courts.	90.00



GRASSES IN INDIVIDUAL VARIETIES

BENT	Lb.	100 lbs.
Astoriana... 10 lbs. \$11.00, \$1.20		\$100.00
Rhode Island... 10 lbs. \$12.50, 1.35		110.00
Colonial (New Zealand)... 10 lbs. \$12.50, 1.35		110.00
BLUE GRASS		
Kentucky (Extra Special Recleaned).....	.55	50.00
Canadian.....	.50	45.00
FESCUE		
Chewings New Zealand....	.90	85.00
Hard.....	.80	75.00
Sheep.....	.80	75.00
Meadow.....	.35	32.50
REDTOP		
Fancy Recleaned, Superfine	.35	30.00
RYE GRASS		
Perennial.....	.35	30.00
Italian.....	.30	25.00
Pacey's English.....	.35	30.00
Domestic.....	.18	15.00
ORCHARD GRASS.....	.45	40.00
TIMOTHY.....	.15	12.00

CLOVERS, FIELD SEEDS, ETC.

	Lb.	100 lbs.
WHITE CLOVER, Superfine..	\$1.30	\$125.00
ALSIKE CLOVER.....	.50	45.00
CRIMSON CLOVER.....	.30	25.00
RED CLOVER, Medium.....	.45	40.00
SWEET CLOVER.....		100 lbs.
White Blossom.....		\$20.00
Yellow Blossom.....		25.00
ALFALFA CLOVER, Grimm. Certi- fied.....		60.00
BUCKWHEAT.....		Bus.
Japanese.....		\$3.00
Silver Hulled.....		3.50
CANADA FIELD PEAS.....		6.50
COW PEAS, New Era.....		6.50
MILLET.....		100 lbs.
Golden.....		\$12.00
Japanese.....		14.00
SEED OATS.....		Bus.
Swedish Type.....		\$2.75
SEED RYE—Spring.....		4.00
Winter.....		3.00
SEED WHEAT—Winter.....		2.50
Spring.....		4.00
SOY BEANS—Mammoth Yellow....		4.50
		100 lbs.
RAPE—Dwarf Essex.....		\$20.00
VETCH—Spring.....		15.00
Winter.....		25.00



Field of Clover

BULBS and ROOTS

AMARYLLIS

(Prize Winning English Hybrids)

Produced in California

While the "American Hybrids" offered below are of really high quality, the above strain obtains colors and shades that are in a class by themselves. Likewise flowers are of extra large size. Highly recommended. \$1.00 each, \$10.00 per doz.

FANCY-LEAVED CALADIUMS

"True Brazilian Type"

Ready in January	Doz.	100
Separate Named Varieties.....	\$5.00	\$40.00
Named Varieties, Mixed.....	4.00	30.00

CALLA ELLIOTTIANA

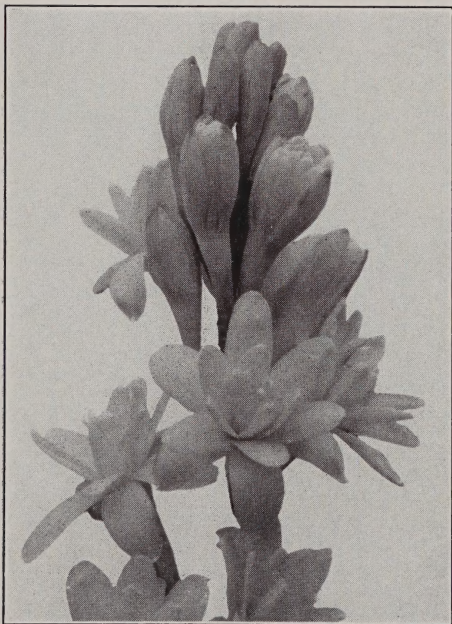
(Yellow Calla)

Deep golden yellow. Top size. \$6.00 \$45.00

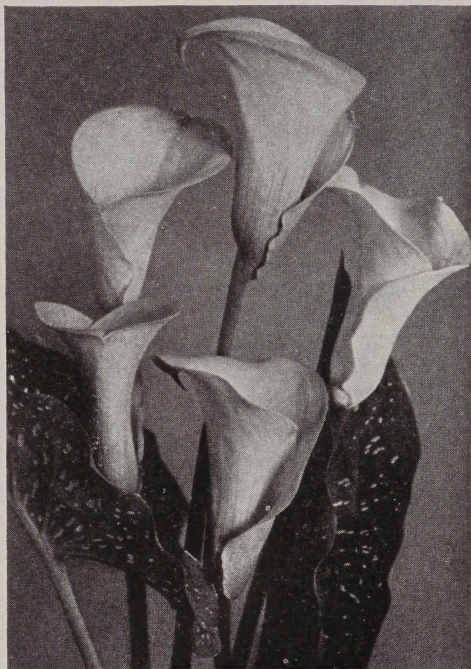
DICENTRA SPECTABILIS

(Bleeding Heart or Sealflower)

An old-fashioned favorite, with long racemes of graceful heart-shaped pink flowers that are always attractive. We offer only extra strong clumps which will make fine specimen plants first year after planting. 50c. each, \$5.50 per doz.



Tuberose, Excelsior, "Double Pearl"



Calla Elliottiana

HYACINTHUS CANDICANS

A hardy, Summer-flowering Hyacinth, producing spikes 3 feet in height, of pure white, bell-shaped flowers. Doz. 100
Large Bulbs.....\$1.40 \$10.00

MONTBRETIAS

100

Goldfinch. Bright golden yellow with maroon blotches in the throat.....	\$18.00
His Majesty. Very large, wide-open flower. Brilliant scarlet yellow, center shading to scarlet.....	16.00
Queen of Spain. Very large flowers of brilliant deep golden orange, reverse of petals golden apricot.....	18.00
Una. Rich apricot, with carmine blotch; well-shaped flowers of splendid substance.....	15.00
California. Deep golden yellow.....	7.50
Fire King. Glowing scarlet.....	7.50
Talisman. Deep orange.....	7.50
Transcendant. Orange-scarlet.....	7.50
Mixed Large-flowering Varieties....	6.00

TUBEROSES

Doz. 100

Excelsior, "Double Pearl." Pure white double flowering. Mammoth bulbs.....	\$1.75	\$12.00
Albino. Single white.....	1.50	10.00

Tuberous-Rooted BEGONIAS

NAMED VARIETIES

Flame

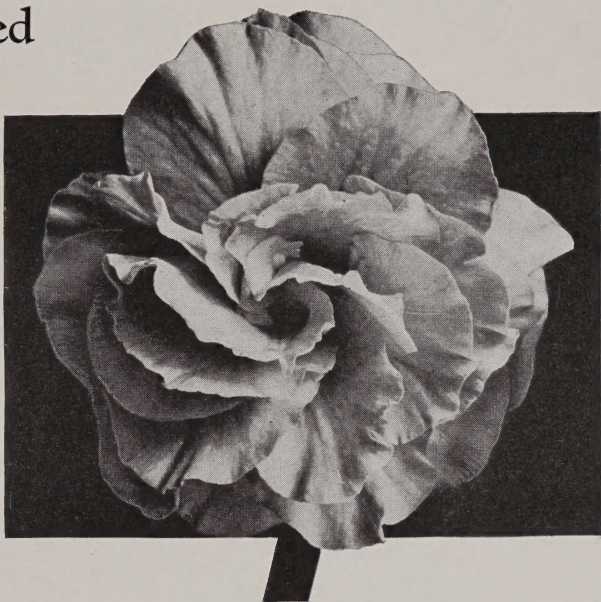
A large Camellia Double. The petals are compact and smooth. It is a brilliant orange-scarlet and has a beautiful sheen or luster. This variety produces an unusual number of blossoms to each bulb.

Red Triumph

A ruffled Camellia-flowered double of a ruby-red with a velvety texture. The flower has a definite center and is one of the largest of all double Begonias.

Rose Dawn

A perfect Camellia type double. The petals are very long and even, and the flower very symmetrical. It is a rich, clear Rose.



Tuberous-Rooted Begonia, Double Camellia Flowered

Autumn Glow

An extremely large Cristata type, the tufts or crests of which are a deep copper, contrasting with rest of flower, which is apricot. The flowers sometimes measure 10 inches across. The foliage is very attractive and much more luxuriant than any other tuberous-rooted Begonia.

Stars and Stripes

A Camellia type double of dark red, striped and specked with white. The flowers are not large but this plant is very vigorous and single bulbs often produce over a hundred blooms. One of the finest of the Le Papillon types.

All varieties, \$7.50 per doz.

Double Camellia Flowered

This is a true strain of Camellia-flowered Doubles, which we have developed through years of hybridization. We do not believe it can be equaled anywhere at any price. The colors are true and uniform; the flowers are of the Camellia types, very large, and not just ordinary doubles.

Carnation Type or Double Frilled (Fimbriata Plena)

This type produces a large double, resembling a Carnation in form. The petals are frilled and have serrated edges. This Begonia is rapidly growing in popularity.

Crispa or Single Frilled

Produces large, profusely frilled and ruffled flowers of the Single type.

Single

This type produces the largest flower. Specimens sometimes measure 10 inches across.

These types are available in the following separate colors except where otherwise noted.

White Red Scarlet Rose Pink Yellow Orange Salmon Apricot

Selected Jumbo Bulbs: \$3.50 per doz., \$25.00 per 100

Brown's Fragrance

A fragrant Tuberous Begonia. It is a hybrid of B. Baumannii. Produces numerous single pink blossoms borne well above the foliage. The fragrance is distinctive and pleasing.

\$5.00 per doz., \$40.00 per 100



Gloxinias

This is a splendid strain of named varieties which we have developed through hybridization and importation.

Bavaria. Dark blue with white throat—ruffled edge, very large flowered.

Black Prince. Giant-flowered, a midnight blue, edge of the flower is slightly undulated

Blue Shades Mixed. A mixture of good blue Gloxinias.

Brilliant. A new pigeon-blood red, bears a great many blossoms. The foliage is light green and the habit is very compact. (1½ in. up diameter largest size).

Brown's Hybrids. Full assortment of rich colors, very large flowered; these hybrids were developed by us.

Brown's Pink. Delicate pink with white throat, extremely upright blossoms, reverse of foliage is rose-colored.

Brown's Improved Red. Crimson.

Brunhilde. Pure white, large flower.

Emperor Frederick. Upright flowers, scarlet with white band.

Emperor William. Upright, deep violet, banded by a white margin.

King of the Reds. Dark red.

Othello. A large open-flowered purple, bright green foliage.

Red Shades Mixed. A mixture of good red Gloxinias.

Sky Blue. Light blue, flowers upright, but very open and short throated. This variety was developed by our hybridizers and is, we believe, the finest of all blue Gloxinias.

Tiger Spotted and Strained Hybrids. Larger diameter flower with shorter throat. Mixture of pink, blue, purple, and red.

Violacea. Violet blue.

All above, Selected Jumbo Bulbs, \$5.00 per doz., \$40.00 per 100

MONTEREY ROSE

Soft rose blossoms. This new variety is a valuable addition as heretofore there has been no good Rose. The foliage is dark, flexible. \$7.50 per doz.

Gladiolus

HIGH-CROWNED OVERSIZE BULBS

All our Gladiolus Bulbs have been chemically treated, as a protection against thrip, which has proved so disastrous in the past seasons.

100

Affame. Outstanding red Primulinus grandiflora. Large.....\$6.00

Aida. Dark blue, small reddish throat blotches. Very early, six open..... 6.50

Albatross. Tall, large pure white..... 5.00

Amador. Deep, glistening scarlet red with carmine throat markings. Large florets. Petals slightly reflexed. Good form and placement..... 8.00

Bagdad. Large, smoky old rose, 5-6 open. Tall, straight spike..... 6.00

Beacon. Clear, red salmon with cream blotch. 6-8 open. Tall.....10.00

Betty Nuthall. Salmon pink, yellow throat markings. Good placement. Tall..... 5.00

Bill Sowden. Deep scarlet with immense florets. Petals curled back. Many open..... 6.00

Bleeding Heart. Light pink, with large red blotch..... 6.00

Blue Danube. Amethyst blue with darker blotch. Tall with large, well-placed florets..... 7.00

Chas. Dickens. Strong growing bright, radiant purple. Many open..... 5.00

Commander Koehl. Fine, large, dark scarlet without markings..... 5.00

Coronation. Light salmon, shading to cream. Exhibition type..... 6.00

Coryphee. Beautiful pink. Florets fine form. Many open. Sometimes grows crooked..... 7.00

Dr. F. E. Bennett. Unusual fiery red. Very large flowering. Many open.... 5.00

Duna. Clear pink-buff. Large blooms well arranged on tall, straight spike.. 7.00

Flaming Sword. Good early red. Several open..... 4.00

Gate of Heaven. Tall, strong growing, rich deep yellow. Large, ruffled florets, well placed..... 6.00

Giant Nymph. Light rose-pink with creamy yellow throat. Tall..... 4.00

Golden Dream. Tall, clear, deep yellow florets quite recurved..... 5.00

Grand Slam. Large, clear orange salmon. Heavy substance..... 7.00

J. S. Bach. Fine orange salmon, lighter in throat, white midribs..... 6.00

Libelle. Near blue, heliotrope shade..12.00

Los Angeles. Delicate pink with cerise feather in throat..... 5.00

Maid of Orleans. Beautiful milky white, with light cream throat. Tall spike. Perfect placement..... 6.00

Margaret Fulton. Clear coral pink, lighter throat. Tall, heavy stalk.... 6.00



Gladiolus, Miss New Zealand



Gladiolus, Polar Ice

GLADIOLUS—Continued

- Marmora.** Many large, well placed florets on tall, strong stalk. Lavender-gray, Petunia colored blotch.....\$6.00
- Minuet.** Self-colored lavender, very large flower of heavy substance. A leading variety..... 6.00
- Miss New Zealand.** Salmon apricot suffused rose with ripe Peach blotch.12.00
- Mother Machree.** Vinaceous lavender, edges of petals overlaid salmon-pink, flaked orange-red..... 6.00
- Mrs. F. C. Peters.** Rose-lilac with soft crimson blotch bordered white on lower petals..... 5.00

- Mrs. P. W. Sisson.** Cameo pink. Several open. Good exhibition.....\$5.00
- Netherland Prince.** Immense bright salmon. 6-8 open. Fine exhibition...12.00
- Orange Queen.** A Primulinus grandiflora of beautiful copper-orange, self-color..... 4.00
- Paul Pfitzer.** Brilliant velvety reddish purple. Good grower..... 7.00
- Orange Princess.** Beautiful salmon orange with small crimson feather. Somewhat ruffled.....12.00
- Pelegrina.** Rich dark blue. Good propagator. Fine, tall grower..... 7.00
- Phyllis McQuiston.** A gorgeous pure pink, 5 or more open, 18 buds, tall... 8.00
- Picardy.** Soft shrimp pink, outstanding. 4.00
- Polar Ice.** Good-sized pure white.... 8.00
- Pride of Wanakah.** Large deep lavender rose..... 4.00
- Rameses.** Aster purple, velvet blotch Pomegranate purple on white. Immense ruffled florets. Tall. Odd...10.00
- Red Lory.** Carmine rose, purple blotches. Large florets, many open... 7.00
- Red Phipps.** Glowing red. Earlier than Phipps. Good placement..... 6.00
- Rose Marie Pfitzer.** Large peach and cream, pink edging. Several large florets open..... 8.00
- Salbach's Orchid.** Good lavender pink, large wide open florets, well-placed... 8.00
- Shirley Temple.** Large, heavily ruffled cream with cream-yellow throat. Well placed blooms, tall spike.....12.00
- Smiling Maestro.** Rich orange salmon. Large florets.....10.00
- Star of Bethlehem.** Immense pure white. Fine variety.....10.00
- Takina.** Rosaline purple, flaked darker. Giant growth.....15.00
- Token.** Attractive flaming salmon with golden yellow throat. Large, slightly ruffled florets well placed on very tall spike. 16-18 buds open. It is a fine Gladiolus, flower doesn't burn, is good keeper when cut, fine propagator.... 7.00
- Vagabond Prince.** Irridescent garnet brown, small blotch of scarlet on lip petal. Eight well placed medium sized florets open.....10.00
- Wasaga.** Clear buff, no marking or flecking; 4-5 florets open on well formed spike..... 8.00
- White Butterfly.** Fair size florets of decided butterfly form, creamy white throat. Strong grower, good substance 4.00
- Wurtembergia.** Very large red with white throat. Tall, strong growing variety..... 8.00
- Zauberflote.** Large peach-rose, red blotch. Very striking.....18.00
- Mixture, "Superior."** Better varieties mixed..... 4.00
- Mixture.** All Primulinus..... 4.00

HARDY GARDEN LILIES

Auratum (*The Gold-banded* Doz. 100

Lily of Japan). One of the stateliest of all the hardy Lilies; grows 3 to 6 ft. high and bears twenty or more large and fragrant flowers 8 to 10 in. in diameter. Planted in clumps of six or so, they make an attractive sight. Flowers white, spotted deep red, with bright yellow band running through the center of each petal, in August.

Mammoth Bulbs.....\$6.50 \$50.00
Extra Large Bulbs..... 4.00 30.00

Batemanniae. Beautiful Japanese variety, growing 3 ft. high, with six to eight apricot-colored flowers held erect on a stem. Blooms in July and August

4.00 30.00

Canadense (*Meadow Lily*). A stout-stemmed Lily with whorled leaves, bearing a spreading, loose panicle of drooping bell-shaped flowers, usually orange or scarlet spotted with brown and maroon. 2 to 5 ft. high. Flowers in June and July.

3.00 20.00

Cernum. Lovely pink flowers, pine-leaved. We consider this an interesting novelty in the assortment of Hardy Lilies in cultivation. As far as we know it is an origination of Japan. Nature of growth is similar to the variety *Tenuifolium*; however it is much stronger, producing from 5 to 10 flowers to each stem.....

5.00 49.00

Davuricum. Flowers of rich orange shade, flushed red and spotted black. June and July. 2 ft.....

Doz. 100
\$5.00 \$40.00

Elegans. Very hardy dwarf Lilies, erect flowers of orange.....

3.50 25.00

Henryi (*Yellow Speciosum*). 4 to 5 ft. In form and habit resembles *L. speciosum*. Flowers shaded yellow, slightly varying in color, with a distinct and waxy green center. Blooms during August and September.....

6.00 45.00

Philippinense formosanum. The new white hardy Lily, of which it is predicted that it will outshine *L. regale* in usefulness and beauty. The very fragrant trumpet flowers resemble an Easter Lily.....

3.50 22.00

Regale. 3 to 4 ft. The finest and most easily grown is this Lily, producing large, flared trumpets suffused with gold and yellow on the inside and slightly stained with purple on the backs of the outer petals. The stem is stout and very wiry, so that the plant takes up very little room after flowering. It blooms immediately after the Madonna Lily and is one of the finest plants to be found in gardens.

Giant Bulbs, XXXX.....12.50 85.00
Selected Bulbs, XXX..... 9.00 70.00
Large Bulbs, XX..... 7.00 50.00
Selected Bulbs, X..... 3.50 22.00



Lilium Philippinense formosanum



Lilium Henryi



Lilium Regale

HARDY GARDEN LILIES—Continued

Doz. 100

Speciosum album. 3 to 4 ft. Very dainty white Lily. It flowers in the border or amongst the shrubbery at the same time as <i>L. auratum</i> .		
Extra Large Bulbs.....	\$7.00	\$50.00
Large Bulbs.....	4.00	30.00
Speciosum Melpomene. Large, dark crimson spotted flower of striking appearance.		
Mammoth Bulbs.....	7.00	50.00
Extra Large Bulbs.....	4.00	30.00
Speciosum rubrum. 3 to 4 ft. Bears an abundance of spotted rose flowers.		
Mammoth Bulbs.....	7.00	50.00
Extra Large Bulbs.....	4.00	30.00
Superbum (Swamp Lily). Graceful stems 5 to 6 ft., terminating in a pyramid of bright orange crimson flowers.....		
	3.50	25.00
Tenuifolium (Coral Lily). Drooping, rich scarlet flowers.....		
	3.00	20.00
Testaceum (Nankeen Lily). Unique in the Lily family for the peculiar, pale buff-cream color of its nodding, bell-shaped flowers. It grows 4 to 5 ft. tall and blooms in June and July. Very scarce and highly prized.....		
	Each \$2.00,	20.00
Tigrinum splendens (Tiger Lily). 3 to 4 ft. Well known by its brilliant orange flowers spotted with maroon and black. Very hardy.....		
	5.50	40.00
Tigrinum florepleno (Double-flowering Tiger Lily). Like above but double flowers.....		
	3.50	25.00
Umbellatum grandiflorum. A very showy Lily of easy culture, bearing in June, large, handsome, rich orange flowers shaded red. Very effective in shrubbery and flower borders.....		
	3.50	25.00

COLD STORAGE LILIES

We carry in cold storage a large stock of the following Lilies for shipment at any season of the year.

Doz. 100

Giganteum. White.....	\$8.00	\$60.00
Longiflorum erabu. Top Size Bulbs, XXX.....	9.00	70.00
First Size Bulbs, XX.....	7.00	50.00
Regale. White trumpet, with yellow throat.....	7.50	55.00
Speciosum album. White. 8 to 9 in. circumference.....	8.00	60.00
Speciosum magnificum. Deep rose.....	8.00	60.00
Speciosum melpomene. Crimson pink.....	8.00	60.00
Speciosum rubrum. Rose pink.....	8.00	60.00

Dahlias

Novelty Introductions for 1941

DEMOLAY. Listed in both the Mid-West and Eastern Honor Rolls. A velvety crimson red Formal Decorative with blooms 9x5. A strong, rugged grower that does well in ordinary culture and responds favorably to good culture. Easy to grow and sure to please. Roots \$10.00, Pot Roots \$6.00, Plants \$3.50.

IMP. A small clear yellow Orchid type. Petals are tightly rolled forming a geometric design in the center. An artist's dream, a sure winner on the exhibition table and wonderful for arrangements. Roots \$3.00, Pot Roots \$2.00, Plants \$1.00.

RED EYE. An orange scarlet Miniature Peony. Dark foliage, striking in the garden a dwarf bush for landscaping and border effects, although flowers are diminutive they give a mass of color and are gems for arrangement use. Roots \$3.00, Pot Roots \$2.00, Plants \$1.00.

SATURN. Pleasing clear yellow Collarette with a real yellow collar. Beautiful for arrangements. Received acclaim wherever exhibited. Strong, erect stems, perfect form, good keeper, sturdy grower. An Award of Honor Georgia. Roots \$3.00, Pot Roots \$2.00, Plants \$1.00.

SNOWCREST. A medium size white Incurved Cactus. Winner of the Leonard Barron Memorial Trophy at the World's Fair as best undisseminated Dahlia under 8 in., American Home Achievement Medal D. S. of N. J. and Certified at W. Va. Trial grounds. Long, erect stems, rugged open foliage. A sure winner in its class. Also fine for home use as it keeps like a Chrysanthemum. Roots \$7.50, Plants \$2.50.



Dahlia, Kemp's Violet Wonder

Semi-Cactus Dahlias

Amelia Earhart. Color is apricot buff with salmon tints shading to soft yellow at base of petals. Roots 75c., Plants 50c.

Ballego's Surprise. Pure white, deep, full-centered blooms on strong, erect stems with bush growth that is very desirable. Roots \$1.00, Plants 50c.

Frau O. Bracht. Color a clear light primrose yellow, usually classified as a Semi-Cactus. Roots \$1.00, Plants 50c.

Jessica Dragonette. Color is a very pretty color combination of buff apricot suffused peach and muave. Large flowers of perfect form with beautifully pointed petals. A poor root maker. Roots 75c., Plants 50c.

Miss Glory. Color, soft apricot yellow with lighter shadings. The petals are rolled and considerably incurved. Roots \$1.00, Plants 50c.

Satan. Color scarlet with yellow on reverse of petals showing at the center. Roots 50c.

Treasure Chest. Produces beautiful, perfectly formed blooms as early as any variety in our fields and flowers are still perfect at frost. Color, soft golden yellow. Roots \$1.00, Plants 50c.

Informal Decorative

America's Sweetheart. Pale lemon yellow of good form with the petals doubly serrated, curled and twisted in an artistic manner. Roots 75c., Plants 50c.

Cherokee Brave. This Dahlia is one of the best rich red exhibition varieties ever introduced, being an oxblood red that holds its color in the sun. Roots \$3.00, Plants \$1.00.

Forest Fire. A spectacular Dahlia whose name describes its vivid coloring. It is lemon yellow for one-third the length of the petals, then shading to rich scarlet near the tips and enhanced with clear yellow petaloids. Roots 50c.

Jane Cowl. Color a warm buff and old gold, blending to apricot and rose at the center. A.D.S. Certificate. Roots 35c.

Kemp's Violet Wonder. The predominating color of this fine Dahlia is bright violet purple with faint bluish violet at tips of petals. Roots 50c.

Lord of Autumn. The lemon yellow flowers attain a wonderful size and depth and the long, pointed and twisting petals with beautiful center formation remind one of a large exhibition Chrysanthemum. Roots \$1.00, Plants 50c.

Murphy's Masterpiece. The monster blooms of deep, dark red shading toward crimson are held erect on stiff stems. Roots \$1.00, Plants 50c.

DAHLIAS—Continued

Myra Howard. A glowing combination of yellow cadmium and gold with tints of salmon, the entire effect being ochreous orange. Roots 50c.

Robert Emmet. This wonderful exhibition variety is a beautiful shade of red, a velvety cardinal inclining to crimson. Roots 50c.

The Universe. A seedling of The World, a rich bright garnet. Roots 75c., Plants 50c.

Virginia Shipley. A deep lemon yellow with a golden hue which is a different shade from other yellows. Roots \$5.00, Plants \$2.00.

Watchung Giant. A Dahlia for the largest bloom class of deep amber yellow suffused orange cadmium which reminds us of Dahliadel Gold. Roots \$2.00, Plants 75c.

White Wonder. The blooms are pure white with long, pointed, twisted and curled petals, giving the flower a light, fluffy appearance. Roots 75c.

Formal Decorative

Blue River. A Dahlia distinctive for its color of deep lilac or bluish mauve, the nearest to blue Dahlia we have and the best of its color. Roots \$1.00, Plants 50c.

Haslerova. A glorified Le Grand Manitou only more refined, the ground color being a delicate lavender, almost white, flecked French purple. Roots \$1.00, Plants 50c.

Jersey's Beauty. Bloom, 6½x4, bush 6½ ft. The ideal pink for exhibition or florists' use. Large, deep flowers of perfect form on long stems. Roots 35c.

Jersey's White Beauty. A white Jersey's Beauty with wonderful keeping qualities and stem. Similar in form. Good centers and tight petals. Early and prolific. Roots \$1.00, Plants 50c.



Peony Dahlia, Mrs. Frances E. Bullard

Kentucky Sun. Although we have other yellow Formal Decorative Dahlias this variety just seems to grow and produce quantities of large uniform blooms on strong stems well above the glossy green foliage. Roots \$1.00, Plants 50c.

Omar Khayyam. A much admired Dahlia. The unusual coloring is a Chinese red, shading to a bright orange and tipped lighter, making a wonderful soft color effect. Roots 35c.

Red Salute Heavy petals and leathery foliage as well as the bright cardinal red color place this variety in good standing as a red Formal. Roots \$2.00, Plants 75c.

Ball

Charlotte Caldwell. Bloom 6x3, Bush 3 ft. Color is bright apricot, suffused coral. Roots \$1.00, Plants 50c.

Crown of Gold. Color is deep lemon yellow suffused peach red, mostly on back of petals. Roots \$1.00, Plants 50c.

Gold Medal. Sunflower yellow tipped and suffused Oriental red. Roots 50c., Plants 50c.

Jayseedee. A beautiful ball-shaped Dahlia of soft, reddish violet striped and speckled rich red. Roots \$1.00, Plants 50c.

Kentucky Snowball. A pure white that does not burn. Profuse bloomer on long, erect stems. Roots \$1.00, Plants 50c.

Mary Helen. Color, deep canary yellow. Roots 50c.

Peony

Mrs. Frances E. Bullard. The petals are long, pointed and gracefully twisted, forming a very distinct flower of a clear silvery pink, shading lighter at the center. Roots 35c.

Orchid Flowering**RECENT INTRODUCTIONS**

Dahliadel Twinkle. White, suffused violet rose with distinct Tyrian rose mottlings on the reverse of the petals which roll forward and show on the face of the flower. Roots \$1.00, Plants 50c.

Dahliadel Whisper. Color is maize yellow on the face of petal with a scarlet reverse. Long, erect stems that hold well after being cut. Roots \$1.00, Plants 50c.

Long Star (Dahliadel 85), 1937, Bloom 4 to 6, Bush, 3 ft. This Orchid-flowering Dahlia is unique in color which is a light lemon or sulphur yellow. Roots \$1.00, Plants 50c.

DAHLIAS—Continued

Miniature Formal Decorative

Baby Beauty. Color violet rose, shaded bright rose pink. Roots 35c.

Bluebird. Color is bluish lavender. Roots 50c., Pot Roots 35c.

Buckeye Baby. Color gold buff lightly shaded red on the reverse. One of the best Miniatures. Roots 50c.

Diana Jean. A deep sulphur yellow with very faint rose suffusion on back of petals. Roots 50c.

Fairy. A soft violet rose shading mauve at tips. A very early and continuous bloomer that keeps wonderful. Roots 35c.

Joyce Ann. Pinkish white center shading lighter at tips of petals. Roots 50c.

McKay's Purity. White blooms standing out in striking contrast. Stems are long and still the bush is compact for hedge or bed effects. Roots 75c., Plants 50c.

Pompon**RECENT INTRODUCTIONS**

Betty Malone. Color white, distinctly and evenly tipped violet purple. Stems perfect. Bushes branch naturally. Roots \$3.00, Pot Roots \$2.00, Plants \$1.00.

Chita. A pure canary yellow Pompon. This variety is worth growing for its prolific blooming habits, fine bushes and keeping qualities. Roots \$3.00, Plants \$1.00.

Grain O'Gold. A very interesting and neatly formed clear yellow. Roots \$1.50.

Ila. Deep oxblood red. Plants 50c.

Little Prince. The smallest of yellow Pompons. Very neat. Plants 50c.

**Pompon Dahlias**

Mrs. J. Telfer. White with slight yellow cast. One of the best white Pompon novelties on the show table last year. Plants 50c.

Reginald. A fine exhibition Pompon for the purple class. Diminutive in size and complete in form. Roots \$1.00, Plants 50c.

Sherry. Fine deep purple of perfect exhibition form and size. Roots 50c.

Single

Chancellor. An unusual color combination of brownish red with a blood red halo and dark center. Roots 50c.

Dahliadel Snow White. A pure white Single with serrated petals which roll forward, inclining to the Orchid-flowering type. Roots \$1.50.

Dahliadel Wonder. Flesh pink shaded violet rose with yellow shadings at center. Roots \$1.50.

Doc. Single of primrose yellow shaded orange with a white stripe in the center of each petal. Roots \$1.50.

Doris. Deep velvety carmine, heavily tipped pure white. A truly spectacular color combination. Roots 50c.

Garnet Poinsettia. Rich glowing garnet. Large blooms of Poinsettia form are held on long, stiff stems or strong plants, producing profusely. Roots \$2.00.

James Weller. Combination of rich golden yellow with central zone of each petal soft rosy red. Roots 50c.

Little America. This white Single is unusually outstanding and artistic. Roots 50c.

**Single Dahlia**



Everblooming HYBRID TEA ROSES

Alice Harding (*Plant Patent No. 202*). A real yellow exhibition Rose with wonderful garden qualities. The large buds are golden yellow flaked with carmine and open into fragrant, pure golden blooms. \$1.50 each, \$15.00 per doz.

Better Times (*Plant Patent No. 23*). Beautiful long crimson buds opening into large, double, brilliant cerise-red flowers with a delicate fragrance. Has exceptionally long stems. Blooms most profusely. \$1.00 each, \$10.00 per doz.

Carrie Jacobs Bond (*Plant Patent No. 158*). A magnificent Rose with large, double blooms of an entrancing rich deep rose enhanced by a luminous coral sheen. Moderately fragrant. \$1.00 each, \$10.00 per doz.

Christopher Stone. Large, semi-double, vivid scarlet flowers overlaid with velvety crimson. Has a delicious old-Rose scent. Of vigorous, upright growth with bright green foliage. \$1.00 each, \$10.00 per doz.

Countess Vandal (*Plant Patent No. 38*). Orange copper buds opening into large, double, fragrant blooms of brilliant pink with a beautiful salmon glow. Winner of the Toronto Rose Society Gold Medal. \$1.00 each, \$10.00 per doz.

Crimson Glory (*Plant Patent No. 105*). Well-branched compact bushes of good symmetry laden with magnificent large, urn-shaped buds which open to flowers of an intense deep and vivid crimson shaded with deep red and mellowed by a velvety nap. 1934, Silver Medal, International Flower Show, New York; Certificate of Merit, German Trial Grounds; 1936, Gold Medal, A. R. S.; 1937, Gold Medal, Hartford. \$1.25 each, \$12.50 per doz.

Dickson's Centennial (*Plant Patent No. 223*). A new Rose of sublime beauty. The deep glowing crimson blooms with red shadings have an exquisite charm that cannot be portrayed in mere words or picture. The glorious well-formed flowers have a lovely fragrance and they are carried on fine long stems. \$1.00 each, \$10.00 per doz.

Eclipse (*Plant Patent No. 172*). A plant of good strong habit producing long, stream-lined buds of rich gold without shading. The semi-double flowers are produced very freely. Received several International prizes in Rome and Paris. \$1.25 each, \$12.50 per doz.

Glowing Carmine. The name appropriately describes this beautiful Rose. It is a strong grower with well-shaped buds representing a splendid color that lasts exceptionally well. \$1.00 each, \$10.00 per doz.

Glowing Sunset (*Plant Patent No. 104*). The long, pointed buds open to full, double flowers of a most artistic form with the inner petals lengthened and twisted in the bizarre manner of a choice Cactus Dahlia. The color is an indescribable blend of orange-yellow and rose-pink. Alluringly fragrant. It is a free and continuous bloomer. \$1.00 each, \$10.00 per doz.

Golden State (*Plant Patent No. 303*). A gorgeous yellow Rose having extra vigor and stamina. As the fragrant, long buds open they exhibit a lovely heart of yellow-orange. When fully open the blooms are deep unfading buff veiled with salmon. \$1.50 each, \$15.00 per doz.

Lipstick. An everblooming Shrub Rose similar to Skyrocket in habit. Develops showy large clusters composed of single clear cerise flowers with salmon shading. The yellow stamens add extra beauty. \$1.00 each, \$10.00 per doz.

McGredy's Sunset (*Plant Patent No. 317*). Clear Buttercup yellow tipped with orange. The inside is chrome yellow flushed with scarlet. Shapely fragrant blooms borne profusely on strong, upright stems. Certificate of Merit N.R.S., 1936. A truly beautiful Rose. \$1.50 each, \$15.00 per doz.

McGredy's Triumph (*Plant Patent No. 190*). A delicately scented Rose with very large, perfectly formed, full-petaled flowers of glistening cerise overcast with orange. \$1.25 each, \$12.50 per doz.

HYBRID TEA ROSES—Continued

Miss America (Plant Patent No. 264). Fragrant blooms of flesh color with salmon and gold suffusion and faint gold at the base of the petals. First Certificate of Merit, Colle Oppio, Italy, 1937. \$1.00 each, \$10.00 per doz.

Mme. Joseph Perraud. Indescribably beautiful. Fragrant blooms of luminous light orange straying to a lovely shade of shell pink at the petal edges. It has proved one of the most admired of all Roses in the Dreer Rose Trial Garden. \$1.00 each, \$10.00 per doz.

Night. This is the darkest red Rose we grow. Very deep crimson shaded with black-maroon. The flowers are well-shaped, quite double and they have a pleasing fragrance. \$1.00 each, \$10.00 per doz.

Picture. We consider this one of the finest pink Roses in existence. The vigorous plants bloom continuously and the color of the fragrant flowers is enhanced by a warm salmon undertone. \$1.00 each, \$10.00 per doz.

Pink Dawn. A beautiful Hybrid-Tea Rose with glorious deep Rose buds opening to lovely pink blooms tinted with orange at the base of the petals. Sweetly fragrant, fully double, and of vigorous upright habit. \$1.00 each, \$10.00 per doz.

Poinsettia. The name of this beautiful Rose was suggested by Dr. J. Horace McFarland when visiting our Rose Trial Garden some years ago. Has semi-double flowers of a bright rich scarlet color produced profusely during the whole season on vigorous plants of fairly tall growth. \$1.25 each, \$12.50 per doz.



Tree Rose

President Boone. A superb combination of color, good form, and vigorous habit. Deep velvety crimson blooms beautifully veined with an entrancing velvety black. Has the disease resistance and vigor of Radiance and a delightful rich fragrance. \$1.00 each, \$10.00 per doz.

President Macia. Enchanting pink buds veined with deeper pink and great billowy blooms of soft flesh brightened by a yellow flush toward the base. Richly fragrant. \$1.50 each, \$15.00 per doz.

Sequoia. A vigorous, upright growing Rose on the type of Heinrich Wendland. The flowers are produced singly on strong, wiry stems. The color is a luscious, ripe Pumpkin-flesh, suffused apricot, and shading lighter at the petal edges. A very free blooming Rose for every garden. \$1.25 each, \$12.50 per doz.

Souv. de Jean Soupert. A lovely cream-colored Hybrid Tea of splendid vigor. The long tapering deep golden yellow buds slowly unfold to broad cream colored blooms of heavy texture. Deliciously fragrant. A strong grower with varnished disease-resistant foliage. \$1.00 each, \$10.00 per doz.

Sunny Days. The perfectly pointed buds of this charming Rose are of a mellow chrome-yellow. When fully open the nicely shaped flower is of the same shade as the bud but somewhat lighter at the edge of the outer petals. Of vigorous growth with abundant dark green foliage. \$1.25 each, \$12.50 per doz.

Symphony (Plant Patent No. 79). A marvelous, everblooming Hybrid-Perpetual Rose with handsome, massive blooms of large size. The blush-pink buds open to pale rose blooms with deep pink center. Beautifully formed, symmetrical flowers carried on stout straight stems. \$1.00 each, \$10.00 per doz.

The Doctor. A beautiful, glowing rosy pink with satiny pink edges. Has broad petals and form graceful buds and openblooms. One of the finest with a delightful fruity fragrance. \$1.00 each, \$10.00 per doz.



President Macia

TREE ROSES

Will Bloom This Summer

Tree Roses have a value in every Rose-garden and create a desirable effect. We offer the following varieties on strong, straight, 3½-foot stems. Over Winter they may be dug up and buried in a trench, or heeled in under a shed. In mild latitudes fix straw among the branches without digging up.

Pot plants only, ready early in May
\$4.00 each

Etoile de Hollande. Red.

Mme. Jules Bouche. White.

Mrs. E. P. Thom. Yellow.

Mrs. Pierre S. duPont. Deep golden yellow.

Pink Radiance. Pink.

President Herbert Hoover. Suffused yellow and pink.

Red Radiance. Red.

Talisman. Golden yellow and copper.

GREENHOUSE ROSES

We are listing what we consider to be the most up-to-date varieties. Other kinds not listed can be supplied at advertised prices.

Prices, unless otherwise noted:

2¼-in. pots, \$42.00 per 100; 3-in. pots, \$52.00 per 100; 4-in. pots, \$64.00 per 100

All Grafted Plants

R. M. S. Queen Mary (*Plant Patent No. 249*)

A beautiful variety producing a wonderful combination of vivid shades, being a rich glowing blending of salmon and pink with an orange base. Buds are long and pointed; flowers large and of beautiful form freely produced and delicately perfumed. Grafted plants from 2¼-in. pots, \$50.00 per 100; grafted plants in 3-in. pots, \$60.00 per 100.

Better Times (*Plant Patent No. 23*). An outstanding recent introduction. Color, brilliant cerise-pink with silvery sheen as the flower develops. Grafted plants from 2¼-in. pots, \$60.00 per 100; grafted plants in 3-in. pots, \$75.00 per 100.

Briarcliff. Large, perfect flowers of brilliant rose-pink color. Easy to grow and very productive.

Double White Killarney. The leading and best white Rose ever grown.

Happy Days (*Plant Patent No. 144*). Sport of Briarcliff, darker and more intense in color. Heavy cropper and easy to grow 2¼-in. pots, \$50.00 per 100; 3 in. pots, \$60.00 per 100.

Hollywood. Sport of the famous Rose, Premier. A double, high-centered flower of dark rosy red with a rich, satisfying perfume.

Joanna Hill. Clear yellow, deeper at center. A prolific bloomer and vigorous grower.

Mrs. R. M. Finch. A beautiful light pink Polyantha especially valuable for corsages.

HARDY CLIMBING and RAMBLER ROSES

Extra strong, field-grown dormant plants
75c. each, \$7.50 per doz.

Strong, 1-year plants from 6 inch pots for May delivery, 90c. each, \$9.00 per doz.

American Pillar. Bears heavy trusses of pink flowers.

Dorothy Perkins. Bears beautiful clusters of pink blooms.

Mary Wallace. Lovely large, light pink flower. Hardy.

Paul's Scarlet Climber. Bears double scarlet flowers in great profusion.

The New Dawn. The Everblooming Dr. Van Fleet. *Plant Patent No. 1.* A counter part of the beautiful flesh pink Rose, Dr. W. Van Fleet with all its fine qualities but blooms perpetually throughout the season. \$1.50 each, \$15.00 per dozen.



Better Times

Pink Delight. An exceptionally fine light pink Rose. Heavy cropper.

Rapture. Like Mme. Butterfly but bloom somewhat deeper pink, borne singly on long stem.

Souvenir. Clear, fadeless yellow blooms of exquisite shape, both in bud and flower. The open bloom is full, cup-shaped with an intense golden fire in the center and a delicious, pervading perfume.

Talisman. Bud yellow and copper, suffused with pink, opening to deeper pink on yellow base. Vigorous grower; free bloomer.

Token (*Plant Patent No. 95*). A magnificent orange shading to golden pink. Long, tall pointed buds and an exquisite variety in every detail. Grafted plants from 2¼-in. pots, \$50.00 per 100; from 3-in. pots, \$60.00 per 100.



Hardy Perennials

The Hardy Perennials are the backbone of the flower garden, most of them repeating faithfully each year with a minimum of attention.

While we have condensed our list considerably this year by rejecting many second-rate varieties, we have retained many of the old standbys which we think are still worthy of a place in any garden. After careful trials of the newer introductions, we have selected and added to our list only those which we consider to be the best, and now have one of the most complete lists of reliable, worth-while perennials to be found in this country.

ACHILLEA

30c. each, \$3.00 per doz.

Achillea filipendulina, **Parker's Variety**. (Yarrow). Tall plant with big clear yellow flower heads.

A. Millefolium roseum (Milfoil). Compact heads of deep pink flowers. Finely cut foliage. 1½ to 2 ft. June-Sept.

A. tomentosa (Woolly Yarrow). Bright yellow flowers. Excellent for rockeries. 1 ft. June.

ACONITUM – Monkshood

40c. each, \$4.00 per doz.

Aconitum Fischeri. One of the choicest we have. Fine spikes. 2 to 3 ft. Sept., Oct.

A. Napellus, Spark's Variety. Tall plant with branching spikes of blue flowers. 5 to 6 ft. July, Aug.

A. Wilsoni. A Chinese Aconitum putting out numerous spikes of violet-blue flowers.

ANCHUSA

35c. each, \$3.50 per doz.

Anchusa italica, **Dropmore**. Large; gentian-blue. 4 ft.

A. italica, Morning-Glory. Strong, branching. Very dark blue. 4 to 5 ft.

A. italica, Pride of Dover. Lovely heavenly blue. 3 to 4 ft.

A. myosotidiflora (*Brunnera macrophylla*). Forget-me-not-flowered Bugloss. Graceful panicles of forget-me-not flowers from broad mats of heavy dark green foliage. Likes semi-shade where it makes a fine ground cover. 1 to 1½ ft. April, May.

ANTHEMIS – Perry's Variety

35c. each, \$3.50 per doz.

Anthemis tinctoria (Yellow Marguerite). Golden yellow, daisy-like flowers. Does excellently in poor soils. 1 to 2 ft. July, Aug.

ANEMONE – Windflower

35c. each, \$3.50 per doz.

Anemone hupehensis. Mauve-rose flowers. 1½ to 2 ft. Aug. until frost.

A. japonica alba. Large; single; pure white. 2½ to 3 ft. Sept., Oct.

A. japonica, Alice. Large rose-pink flowers with lilac centers. One of the strongest growers of the pink sorts.

A. japonica, Max Vogel.

A. japonica, Queen Charlotte. Large; semi-double; pink. 2½ to 3 ft. Sept., Oct.

A. japonica rubra. Semi-double; rosy red. 1½ to 2 ft. Sept., Oct.

A. japonica, September Charm. Early. Silver-pink and rose. 2 ft. Sept., Oct.

A. japonica, Whirlwind. Large, strong. Semi-double; white. 2½ to 3 ft. Sept., Oct.

A. Pulsatilla (Pasque Flower). Blooms lilac to purple. Attractive woolly foliage. 1 ft. April, May.

BOLTONIA

35c. each, \$3.50 per doz.

Boltonia asteroides. Pure white, aster-like flowers, in great profusion. 6 to 7 ft. Aug.-Oct.

B. latisquama. Similar to the preceding, with lavender-pink flowers. 4 to 5 ft. Aug., Sept.



Aquilegia

AQUILEGIA – Columbine

35c. each, \$3.50 per doz.

- Aquilegia alpina superba.** Short-spurred deep blue. 1 ft. April, May.
A., B. & A. Long-spurred Hybrids. Assorted colors, all shades. A fine strain. 2 to 3 ft. May, June.
A. caerulea Helenae. Blue with white throat. 2 ft. May, June.
A. canadensis. Red and yellow. Native. 2 ft. May, June.
A. chrysantha. Lovely golden yellow. 2 to 3 ft. May, June.

ASTER

35c. each, \$3.50 per doz.

- Aster alpinus, Goliath (Mountain Daisy).** An extra-large form. Good lilac-blue bloom with yellow disc on long stems. 8 to 10 in. May, June.
A. alpinus albus. White variety of the above.
A. Frikarti (Wonder of Staefa).
A. hybridus luteus (solidago). Small bright yellow flowers in clusters. The plant is exceedingly feathery and graceful. For cut flowers. 2 to 3 ft. July-Sept.
A., Mauve Cushion. A distinct Oriental variety which forms a circular, cushion-like plant. The flowers are delicately mauve with silvery sheen, about $1\frac{1}{4}$ inches in diameter, and almost cover the plant. 9 in. Oct., Nov.

DWARF HARDY ASTERS

30c. each, \$3.00 per doz.

- Countess of Dudley.** Beautiful clear pink flowers with yellow centers in late September. 9 in.
Lilac-Time. Compact little plants covered with pretty lilac-blue flowers just as Victor ceases to bloom, thus prolonging blue among the low plants. 15 in. Sept.
Marjorie. Clear rosy pink flowers. 10 in.
Nancy. Pale pink. Very low and broad. 10 in. Mid-September until October.

Niobe. Bushy little plants with $1\frac{1}{4}$ -inch pure white flowers having two rows of petals around a yellow cushion. The profusion of bloom entirely hides the plant. 10 in. Late Sept.

Ronald. Lilac-pink flowers on a dwarf bush. Very showy in mid-Sept.

Victor. Flowers clear lavender-blue. 9 in.

ASTER - MICHAELMAS DAISIES

35c. each, \$3.50 per doz.

Aurore. Produces medium-sized, fringed flowers, almost pure rose pink in color. Compact plants, 2 to 3 ft. Sept.

Barr's Pink. One of the finest pink Asters. Grows vigorously 4 to 5 ft.

Mount Everest. Without doubt the finest white Aster. Extremely large, pure white flowers cover pyramidal spikes from ground to tip. With its long flowering period, it ranks supreme. 4 ft. Sept., Oct.

Novae-angliae. An old variety, still tops in its color—bright violet-purple. Very showy. Combines well with white. 3 ft. Aug., Sept.

Red Rover. The flowers are deep rosy red with golden centers. It is very free blooming and of good, compact habit. 3 to 4 ft. Sept. to frost.

Skylands Queen. A low, spreading plant with large, light blue single flowers.

CAMPANULA – Bellflower

35c. each, \$3.50 per doz.

- Campanula garganica.** Wonderful rock- and wall-plant, with trailing habit. Clear deep blue flowers with white eyes. 6 in. July, Aug.
C. glomerata dahurica. A front-of-the-border plant. Large heads of deep blue. Very effective. $1\frac{1}{2}$ ft. June, July.
C. isophylla (Star of Bethlehem). This variety is not hardy but is used extensively for hanging-baskets. Trailing growth with masses of pale blue flowers in early autumn.



Bed of Korean Hybrids

CAMPANULA—Continued

- C. lactiflora.** Large heads of milky blue flowers. 3 to 4 ft. June-Aug.
- C. persicifolia** (*Peach-leaved Bellflower*.) Large, cup-shaped blue flowers on 2- to 3-foot spikes. June, July.
- C. persicifolia alba.** White variety of above.
- C. persicifolia, Telham Beauty.** Single rich blue, large bell-shaped flowers. Excellent for cutting. 2 to 2½ ft. June, July. 50c. each, \$5.00 per doz.

HARDY CHRYSANTHEMUMS**NEW CHRYSANTHEMUMS**

50c. each, \$5.00 per doz.

- Caliph.** Double Korean. Sparkling, rich velvety crimson, borne on a remarkably free-flowering plant of fine habit.
- Lavender Lady.** Beautiful double flowers over 3 inches in diameter, true lavender in color when first opening, taking on a silvery tint with age. 2½ ft. Early Oct.
- Mandarin.** Double Korean. Coral, salmon, copper and bronzy gold blended in a delightful combination. Neat, compact plant. 2 ft. Oct. 10.
- Pale Moon.** Dense trusses of fluffy sulphur-yellow blossoms completely covering 2-foot plants. The flowers are loosely double and about 2½ inches in diameter. Early Oct.
- Pygmy Gold.** Dwarf Korean Pompon. Clouds of miniature golden yellow flowers produced with amazing freedom from early September to late frost. Splendid bedding or edging Chrysanthemum.
- Saladin.** Duplex Single Korean. Chinese red, shading to tangerine, with copper reverse, displaying a prominent golden yellow disc. Very profuse. One of the finest Koreans.
- Symphony.** Double Korean. Mauve-rose, overcast with soft coppery rose. Strong stems, free, vigorous. A lovely cut flower.

POMPON CHRYSANTHEMUMS

35c. each, \$3.50 per doz.

- Early Bronze.** Extremely early, flowering from late August on. Color is a lively bronze-yellow. Plant is dwarf and compact, ideal for dwarf hedges or edging.
- Lillian Doty.** Pale old rose of true Pompon type. Strong grower.
- Pink Popcorn.** Old rose of the small Pompon type.
- Red Doty.** Dark red.
- R. Marion Hatton.** Bright canary-yellow.
- Ruth Hatton.** Ivory white. Free flowering and reliable.
- Sunny Boy.** A yellow variety of Early Bronze with the same habit.
- White Doty.** Creamy white.
- Yellow Doty.** Orange-yellow.

BUTTON CHRYSANTHEMUMS

35c. each, \$3.50 per doz.

- Irene.** The best white Button. Admirable for dwarf hedges and bedding.
- Judith Anderson.** Clear buttercup-yellow flowers cover a low, compact plant. Free flowering, frost-resistant, and long-lasting, it is the finest of all the Button varieties.
- Minta.** Old rose-pink.
- New York.** Bronze with reddish center; very small.
- Ouray.** Dark mahogany-brown.



Campanula persicifolia

LARGE-FLOWERING CHRYSANTHEMUMS

35c. each, \$3.50 per doz.

- Aglow.** Large; double; golden orange. A unique color.
- Bronze Cushion.** Bronze variety of Pink Cushion.
- Cydonia.** Brilliant orange-mahogany. Very free. One of the finest colors.
- Golden Charm.** Large; golden yellow. Strong grower, long-lasting and frost-resistant.
- Granny Scovill.** A very large decorative or aster-flowered sort. Perfectly double blooms of a warm coral-bronze.
- Mrs. Sam F. Rotan.** Huge, double yellow with buff tints; long-lasting, the color improving with maturity.
- Murillo.** Large; old-rose. Probably the best and most reliable pink.
- Oconto.** The largest pure white. Very hardy.
- October Girl.** Large; deep pink. Free flowering.
- Pink Cushion (Amelia Azaleamum).** Blooms from early September to frost. Forms large compact cushion, one foot high, covered with double pink flowers. Excellent for border and rock garden.
- Queen Cushion.** White variety of Pink Cushion.
- Rapture.** Orange-yellow, suffused with cream and bronze-red—a lovely and striking color.
- Sequoia.** Large, well-shaped flowers of mellow amber—a lovely color.
- Silver Tips.** Bright rosy carmine with the tips and reverse of the petals silvery white. Compact grower and free flowering.
- Tassiva.** Pure white. Low and bushy. A mound of blossom. Aug.
- The Chief.** Bright scarlet flowers with a golden reverse. Strong grower and a brilliant color.
- Tints of Gold.** Golden yellow.
- White Spoon.**
- Yellow Spoon.**

SINGLE AND KOREAN CHRYSANTHEMUMS

35c. each, \$3.50 per doz.

Apollo. Single Korean. Dazzling orange. Still one of the best.

Autocrat. Single. Bright orange-scarlet with a golden halo. A most profuse bloomer.

Clio. Duplex Korean. Deep carmine-rose. Dwarf and compact.

Fortuna. Single Korean. Ox-blood-red; curled petals. Vigorous.

Grenadier. Single. Bright crimson-red. Striking color.

Hebe. Single Korean. Soft luminous pink; large. Free flowering.

Indian Summer. Double Korean. Vivid glowing orange and bronze; fully double. Very frost-resistant.

King Midas. Double Korean. Soft yellow with bronze shadings. A very full flower and unique color.

Louise Schling. Single Korean. Salmon-red changing to bronze-salmon. A good robust grower.

Lovelight. Duplex Single. Large; silvery pink. Strong grower and free flowering.

Mongolian. Single. Deep, penetrating yellow. Strong growing; free flowering.

Niobe. Single Korean. Glistening white. Dwarf and compact.

Pink Lustre. Duplex Korean. Delightful soft orchid-pink. Sturdy grower and profuse bloomer.

Red Hussar. Duplex Single. Vivid crimson on a strong free-flowering plant. A brilliant color.

Sappho. Single Korean. Pure yellow. Compact and dwarf. A very fine color.

Saturn. Single Korean. Brilliant orange-bronze. Very free and robust.

Sensation. Single Korean. Golden yellow, with every petal broadly tipped scarlet, giving a unique effect. We recommend this very highly.

Stellaris. Single Korean. Large; buttercup-yellow. Graceful and vigorous. One of the best yellow singles.

Thalia. Duplex Korean. Bright orange of excellent form. Compact, bushy.

The Moor. Double Korean. Amaranth-purple or port-wine-red—a unique color. Frost-resistant. Flowers over a long period.

Vesta. Duplex Korean. Deep golden orange. Very vigorous.

Vulcan. Single Korean. Carmine-red and bronze-crimson—a brilliant color.

HERBACEOUS CLEMATIS

75c. each, \$8.50 per doz.

Clematis Davidiana, Gerbe Fleuri. Multitudes of small tubular flowers of lovely light violet-blue in the axils of large, handsome foliage. Vigorous, bushy plant. 4 ft. Aug., Sept.

C. recta mandschurica. White flowers borne on long stems in large, showy clusters. Desirable cut flower. 4 ft. June, July.

C. serratifolia. A shrubby climber, a native of Korea, handsome and quite odd. Produces long-stalked, yellow, nodding flowers 2 inches across. Pot-grown plants.



Dianthus, Mrs. Sinkins

DELPHINIUM

35c. each, \$3.50 per doz.
except where otherwise noted

Delphinium Belladonna, Cliveden Beauty. An improved Belladonna. Light blue. 3 ft. June-Sept.

D. Lamartine. This improved form of *D. Bellamosum* is probably the hardiest and most permanent of all Delphiniums. June to Sept.

D. Wrexham Strain. Our plants are grown from the seed of the finest named varieties. Assorted shades from pale blue to rich purple. Mixed colors only. 5 to 6 ft. June-Sept. 50c. each, \$5.50 per doz.

PACIFIC HYBRIDS

50c. each, \$5.50 per doz.

These plants with their fine foliage and long, well-balanced spikes of flowers, are extremely vigorous and very resistant to disease. (See color plate on front cover).

King Arthur Series. Brilliant royal violet.

Guinevere Series. Light lavender-pink.

Summer Skies Series. Clear light blue.

White Series. Clear glistening white.

DIANTHUS HYBRIDS

Hardy Pinks

30c. each, \$3.00 per doz.

Beatrix. Fragrant; light salmon-pink. 10 to 12 in. May-Nov.

Furst Bismarck. Old hybrid Dianthus bearing a profusion of double, crimson-pink flowers. 10 to 12 in. May-Nov.

Mrs. Sinkins. Double; white. 8 to 10 in. June, July.

Rose Unique. Large, deep pink, double flowers in profusion. They are spicyly fragrant, and, being borne on long stems, are excellent cut flowers, as well as a beautiful border plant. 10 in. June-Sept.

White Reserve. White. 1 ft. May, June.

D. arenarius. Flowers white or light pink, fragrant, forming dense carpets. For rockery and dry places. 5 to 8 in. July-Sept.

DICTAMNUS

40c. each, \$4.00 per doz.

Dictamnus Fraxinella (albus) (*Gas Plant*). This is called Burning-Bush, as in dry weather the white flowers sometimes emit a vapor which is inflammable and intensely aromatic. These plants love to be left alone when once established. 2 to 3 ft. June-Aug.

D. Fraxinella rubra. Rosy purple, with deeper-colored veins. 2 to 3 ft. June-Aug.

DIGITALIS — Foxglove

30c. each, \$3.00 per doz.

These old garden favorites are stately and elegant in summer when they produce bold masses of leaves and flower-spikes.

Digitalis ambigua. Yellow. 2 to 3 ft. June, July.

D. gloxiniaeflora, Mixed. 2 to 3 ft. June, July.

DORONICUM — Leopards-Bane

35c. each, \$3.50 per doz.

Doronicum caucasicum. One of the best early spring perennials. Large, bright yellow flowers on strong stems. Fine cut flower. 1 to 2 ft. May, June.

D. Clusi. Large sulphur-yellow flowers on 1 to 1½-foot stems, rising from attractive soft green foliage. April, May.

D. Magnificum. Very attractive, with large yellow flowers on stiff stems. Useful for cut flowers. 1½ to 2 ft. May, June.

ECHINOPS

30c. each, \$3.00 per doz.

Echinops Ritro (Like a hedgehog) (*Globe Thistle*). Flowers are metallic blue, globe-shaped, and held on silvery white stems with handsome cut prickly foliage. Dries well. 3 to 4 ft. July-Sept.



Geum, Mrs. J. Bradshaw

ERYNGIUM

135c. each, \$3.50 per doz.

Eryngium aquaticum (yuccaefolium). (*Sea-Holly*). White thistle-like flowers on 4- to 5-foot stems. July, Aug.

E. giganteum. Loose-branching heads of silver-white blooms, excellent for decoration or drying. 2 to 3 ft. July, Aug.

GAILLARDIA

35c. each, \$3.50 per doz.

Gaillardia grandiflora. Colorful red and gold flowers on 2-foot stems. June until frost.

G. grandiflora, Mr. Sherbrook. The 2½-inch golden yellow flowers are without markings or blotches; 1-inch greenish yellow cushion. Very free flowering and unusually lovely in the garden. 1½ ft. June until frost.

G. grandiflora, Ruby. Flowers of a dark portwine-red, with no trace of yellow. Strong growing, free flowering, it is the best pure red. A congenial companion for Mr. Sherbrook. 1½ to 2 ft. June-Oct.

GEUM

35c. each, \$3.50 per doz.

Geum Borisi. The true variety is rather scarce. A dwarf plant with brilliant orange-red flowers. Remarkably free flowering. 10 in. May-Sept.

G. Lady Stratheden. The large, double flowers are richly yellow. A fine and beautiful variety that blooms the greater part of summer and fall. 2 ft. June-Sept.

G. Mrs. J. Bradshaw. Excellent variety bearing striking, double, dark red flowers most of the summer and fall. 2 ft. June-Sept.

G. Princess Juliana. Fine hybrid with large, double, pure orange flowers. A good strong grower and one of the hardiest. 2 ft. June, July.

GYPSOPHILA

35c. each, \$3.50 per doz.

Gypsophila, Bristol Fairy (*Double-flowering Baby's Breath*). Has larger white flowers than the old *G. paniculata fl.-pl.* An excellent cut flower. 2 to 3 ft. June-Sept.

G. paniculata fl.-pl. (True Double Dutch Baby's Breath. Double, pure white flowers in great profusion. 2 to 3 ft. July, Aug.

G. repens Bodgeri. A new dwarf Baby's Breath of compact habit with large, double, white flowers, tinted pink. In flower practically all summer. 1½ to 2 ft. June-Sept.

G. repens Rosenschlier (Rosy Veil). A very interesting novelty of compact habit, free flowering, with a mass of flowers of a more pronounced pink. 8 to 12 in. June-Sept.

HELENIUM

35c. each, \$3.50 per doz.

Helenium autumnale, Riverton Beauty. Rich lemon-yellow, with large purplish black cone. 5 ft. Aug., Sept.

H. autumnale, Riverton Gem. Yellow, changing to red. 5 ft. Aug., Sept.

H. autumnale rubrum. Red. 5 ft. Aug., Sept.

H. Hoopesi. Yellow. 2 to 3 ft. May, June.

HEUCHERA**Alum-Root; Coral-Bells**

Heuchera sanguinea, *Pluie de Feu*. Excellent bright fiery red flowers on loose, elegant, graceful spikes. 1½ ft. June, July. 35c. each, \$3.50 per doz.

HOLLYHOCKS

35c. each, \$3.50 per doz.

SUPERB DOUBLE HOLLYHOCKS

Chamois	Salmon-Pink
Deep Rose	Scarlet
Maroon	White
Newport Pink	Yellow
Double, Mixed	

SUPERB SINGLE HOLLYHOCKS

Apricot	Purple	Yellow
Lilac	Scarlet	Single, Mixed
Pink	White	

HEMEROCALLIS – Day-Lily

50c. each, \$5.50 per doz.

Hemerocallis, *Aureole*. Golden yellow flowers. A very early blooming variety. 3 ft. May, June.

H. citrina. Large, very fragrant, sulphur-yellow flowers. 3 ft. June, July.

H. Dumortieri. Orange-yellow flowers. Good foliage. 2 ft. May, June.

H. Florham. Golden yellow, trumpet-shaped flowers marked darker yellow. June, July.

H. Gold Dust. Buttercup-yellow flowers. 3 ft. June.

H. Kwanso. Large; double; golden bronze. Very showy. The only good double. July, Aug.

H. Sovereign. A very early blooming variety with flowers of deep orange. 2 to 3 ft. June, July.



Hollyhocks, Double

JAPANESE IRIS – Iris Kaempferi

35c. each, \$3.50 per doz.

Affection. The coloring might be summed up as bluish purple and French gray in combination. Six petals.

A. L. Sherwood. Purple, veined white. Three petals.

Amethyst. Very large, wavy petals of most exquisite lavender shade.

Apollo. Pale lavender, veined purple, with reddish pink center. Three petals.

Blue Bird. Maroon, heavily veined white.

Blue Flag. Indigo-blue, white veins; base yellow with a velvety sheen. Six petals.

Bride. Maroon, heavily veined white. Three petals.

Conadi. French gray; amaranth center, veined blue. Three petals.

Dinah. Reddish purple, flaked white. Six petals.

Firefly. Deep purple, yellow center. Six petals.

Gold Bound. Large; pure white. Yellow center. Six petals.

La Favorite. French gray, heavily veined blue. Large flowers. Six petals.

Orion. White, uniquely bordered maroon-red. Six petals.

Peace (*Taiheiraku*). Rich vinous purple, with conspicuous yellow blotches tipped blue, and which radiate out in purple veins; petaloid stigmas gray and lavender. Six petals.

Princess Clothilde. Blush-purple on ash-gray background. Six petals.

Pyramid. Violet-blue; center of petals veined white, very large and beautiful. Six petals.

Rosanne. A fine double variety. Ivory-white, with heavy ruby-red veins and conspicuous yellow blotch; stigma dark plum-color.

Shadow. Red-purple, showing a velvety sheen. Three petals.

William Tell. Porcelain, veined blue; blue center. Six petals.

LOBELIA

30c. each, \$3.00 per doz.

Lobelia cardinalis (*Cardinal-Flower*). Red. 3 ft. July, Aug.

L. syphilitica. Blue. 3 ft. Aug., Sept.

LYCHNIS

Lychnis viscaria splendens fl.-pl. Its beautiful rose-pink, double flowers make it a most desirable border or rock plant. 1 to 1½ ft. May, June. 30c. each, \$3.00 per doz.

MERTENSIA

Mertensia virginica (*Bluebell*). Flowers blue, funnel-formed, in nodding clusters. Splendid in cool, moist, shady places. Should not be disturbed when once planted. 30c. each, \$3.00 per doz.

MONARDA

Monarda didyma, *Cambridge Scarlet* (*Bee-Balm*). Cloaked in scarlet, with compact flower-head attractive to bees, it is a brilliant addition to the border from June to August. 3 ft. 35c. each, \$3.50 per doz.



Primula polyantha, Munstead Strain (See page 24)

NEPETA

N. Mussini, Six Hills Giant (*New*). An improved variety of Mussini with a more compact and neat habit. The flowers are larger, of deeper mauve, and stand up well above the gray-green leaves. 8 to 10 in. April-July. 35c. each, \$3.50 per doz.

PACHYSANDRA

Pachysandra terminalis. A valuable evergreen for dense shade. It is especially useful for covering ground where other things will not grow. Greenish white flowers in May or June, in spikes. 3-in. pots: 20c. each, \$18.00 per 100.

ORIENTAL POPPIES

35c. each, \$3.50 per doz.

Colonel Bowles. Deep bright red, large flower.
E. A. Bowles. Delicate apricot, changing to shell-pink.

Grand Mogul. Brilliant orange-scarlet.

Joyce. Old rose color. One of the finest.

King George. Bright scarlet with fringed petals.

Lord Lambourne. Deeply fringed orange-scarlet petals.

Mahogany. Carmine-purple.

May Queen. Lovely semi-double flowers of glowing salmon.

Mrs. Perry. Large; orange-apricot.

Perry's White. Satiny white with maroon blotches.

Princess Victoria Louise. Salmon-rose, shading to blush-rose.

Ridgewood Beauty. Large, lovely pink flowers.

Salmon King. A shade between salmon and scarlet.

PENTSTEMON

30c. each, \$3.00 per doz.

Pentstemon barbatus Torreyi (*Beard-Tongue*). Tall spikes of brilliant scarlet flowers. A most charming border plant. 4 ft. June-Aug.

P. Digitalis. Long spikes, purplish white blooms with purple throats. 2 to 3 ft. June, July.

HARDY PHLOX – *Phlox decussata*

35c. each, \$3.50 per doz.

Border Gem. Rich rosy purple. Makes a startling contrast with white for mass planting.

Caroline Vandenberg. The best "blue" Phlox. A true lavender-blue, with large trusses.

Count Zeppelin. One of the few good white Phlox having a crimson eye.

Daily Sketch. The finest and largest pink Phlox. Remarkable for its enormous florets and huge trusses of lovely pink with a deeper eye. An outstanding variety.

Enchantress. Bright salmon-pink with dark red eye. Medium height.

Fiancee. Best pure white. Very strong grower.

Fire Glow. Orange-scarlet with darker center.



Oriental Poppy

HARDY PHLOX—Continued

Jules Sandeau. Large pink flowers. Dwarf habit.

Leo Schlageter. A very strong, healthy-growing novelty with large, pyramidal trusses of brilliant scarlet-carmine flowers, having a darker center.

Lilian. Produces large trusses of soft pink flowers with light blue eyes. Compact grower.

Margaret Gavin Jones. Large pink florets with carmine eyes.

Mia Ruys. Large trusses of pure white. Low compact grower.

Morgenrood. A very free-flowering, deep rose variety.

Mrs. Ethel Pritchard. Clear rosy mauve.

Mrs. W. van Beuningen. A striking variety with healthy foliage. Flowers rich salmon-red.

Rosenberg. Rich purple.

PRIMULA – Primrose

30c. each, \$3.00 per doz.

Primula auricula. A well-known and loved garden plant with fragrant flowers in various colors. 4 to 5 in. Early April, May.

P. cachemiriana. Large, globular heads of lavender-purple flowers on strong stems. 12 to 15 in. April, May.

P. cachemiriana alba. White form of the above.

P. japonica. Flowers vary from crimson to pink and nearly white, in whorls on long stems. Grows well beside streams.

P. polyantha. An old favorite, with flowers in various colors. 1 ft. April, May.

P. polyantha, Munstead Strain. Huge, fragrant, golden yellow flowers, borne in great profusion. 6 to 9 in. April, May.

P. polyantha, Red Shades. A selected strain with rich red and crimson florets. 1 ft. April, May.



Stokesia laevis (Cyanea)

POLEMONIUM

30c. each, \$3.00 per doz.

Polemonium humile (Richardsoni) (*Jacob's Ladder*). Finely cut, deep green foliage and sky-blue flowers. 1 to 1½ ft. June, July.

P. reptans (Greek Valerian). Dwarf, compact perennial with interesting leaves and loose clusters of light blue flowers. 8 to 12 in. April, May.

SCABIOSA

30c. each, \$3.00 per doz.

Scabiosa caucasica alba. Pure white. 2 to 3 ft. June-Aug.

S. caucasica, House's Hybrids. Shades of lilac and blue. The flowers are larger and on stronger stems and more free flowering than the older variety. 2 ft. June-Sept.

STOKESIA

35c. each, \$3.50 per doz.

Stokesia laevis (cyanea) (Cornflower Aster; Stokes Aster). A handsome native plant with fine sky-blue flowers, 3 to 4 inches across. These great shaggy blooms are not only unusual garden flowers but are desirable for cutting. 2 ft. July-Oct.

S. laevis alba. A white form of the above. 2 ft. July-Oct.

THALICTRUM

Thalictrum dipterocarpum (Meadow-Rue). One of the handsomest Thalictrums with flowers on graceful 4-foot stems; lilac-mauve with bright yellow anthers. 4 ft. Aug., Sept. 35c. each, \$3.50 per doz.



Scabiosa

THERMOPSIS

Thermopsis caroliniana. A fine plant with clover-like foliage and long spikes of bright yellow, pea-shaped, lupine-like flowers. 4 ft. June, July. 30c. each, \$3.00 per doz.

TRITOMA

35c. each, \$3.50 per doz.

Tritoma Pfitzeri (*Kniphofia Uvaria grandis*). (*Red-Hot Poker*; *Torch-Lily*). Spikes of orange-scarlet shading to salmon-rose, the showiest and most free flowering of all Tritomas. Hardy with slight protection; succeed in any garden soil, but improve with cultivation. 3 ft. Aug., Sept.

T. Royal Standard (*Torch-Lily*). Lower part light yellow, upper part rich scarlet. 3 ft. Aug., Sept.

T. Uvaria grandiflora. Bright red spikes changing to salmon-pink. Late flowering. 3 to 4 ft. Sept.

TROLLIUS - Globe-Flower

50c. each, \$5.50 per doz.

Trollius asiaticus, Salamander. Dark yellow. 1½ ft. April, May.

T. caucasicus, Orange Globe. Giant orange-yellow buttercup-like blossoms. 1½ to 2 ft. May-Aug.

T. europaeus, His Majesty. Globular flowers, very large and of pure orange-yellow color. 1 to 2 ft. May, June.

T. europaeus Loddigesii. Like His Majesty but with deep yellow flowers.

T. Ledebouri, Golden Queen. Magnificent late-flowering variety with huge deep golden yellow flowers. 2 to 3 ft. July-Oct.

YUCCA

Yucca filamentosa (*Adam's-Needle*). Immense, pyramidal clusters of creamy flowers. 4 to 6 ft. June, July. 35c. each, \$3.50 per doz.

Y. filamentosa variegata. Cream. Variegated leaves. 50c. each, \$5.50 per doz.



Trollius



Tritoma Pfitzeri

VIOLA - Tufted Pansies

35c. each, \$3.50 per doz.

Viola Blue Perfection. Blue, with yellow eye. 6 in. May-Aug.

V. Jersey Gem. Absolutely hardy. Pure violet color; large and fragrant. Will grow in any good garden soil in sunny position. 6 in. May-Nov.

V. lutea splendens. Golden yellow. 6 in. May-Aug.

V. Papilio. Violet and white. 6 in. May-Aug.

V. White Perfection. White. 5 in. May-Aug.

Herbs

An Herb garden is easy to plant and maintain and we have listed here our collection, with a short note on some of their uses.

30c. each, \$3.00 per doz.

Artemisia absinthium (*Wormwood*). Medicinal. Beneficial to poultry. Should be planted in every poultry yard.

Balm (*Melissa officinalis*) (*Lemon Balm*). The leaves are used for seasoning. Yellow flowers.

Caraway (*Carum carvi*). Seeds are used in flavoring breads, cakes, and cheese.

Cassia marilandica (*American Senna*). Bright yellow, odd-shaped flowers. July-Sept.

Chamomile (*Anthemis nobilis*). Tea from dried flowers.

Hyssop (*Hyssopus officinalis*). Old sacred plant. Also medicinal.

Lavender (*Lavandula vera*). Perfume.

Lavender Cotton (*Santolina incana*). Used for edging. Gray foliage.

Mugwort (*Artemisia vulgaris*). Medicinal.

Peppermint (*Mentha piperita*). Strong flavor

Rosemary (*Rosmarinus officinalis*). Fragrant foliage. Pot-pourri.

Tarragon (*Artemisia dracunculus*). Leaves flavor salads and sauces.

INSECTICIDES

(Prices subject to market changes)

Agripax. Contact insecticide founded on the toxic principle of pyrethrum. Gal. \$3.00, 5 gals. \$12.00.

Aphine. Destroys aphids, thrips, mealy bug, etc. Qt. \$1.00, gal. \$3.50.

Arsenate of Lead, Paste. For spraying fruit and vegetables. 5 lbs. \$1.50, 25 lbs. \$5.00, 100 lbs. \$16.00.

Arsenate of Lead, Powder. Better than Paris Green. Can be used for wet spraying or dry dusting. For the destruction of caterpillars, codling moth, fruit fly, and all leaf-chewing insects. Dilute 1 lb. to 15 gals. of water. 4 lbs. \$1.40, 24 lbs. \$7.00.

Arsenate of Lead, Powder. For spraying and dusting. 4 lbs. \$1.25, 100 lbs. \$21.00.

Awinc (Wilson's). A non-poisonous pyrethrum insecticide. Effective against Mexican bean beetles, etc. Qt. \$3.00, gal. \$10.00.

Black Leaf 40. An excellent spray for aphids and sucking insects of all kinds. Full directions on each container. 2 lbs. \$3.25, 5 lbs. \$6.00.

Copper Solution. Prevents mildew. Qt. \$1.50, gal. \$5.00.

Cyanogas G-Fumigant. Generates deadly hydrocyanic acid gas. Controls aphids, thrips, white fly. Scatter on greenhouse walks and close the house for the night. 5 lbs. \$3.00, 25 lbs. \$10.00, 100 lbs. \$25.00.

Fungtrogen. A highly concentrated fungicide that conquers mildew and controls black spot. ½ gal. \$3.50, gal. \$6.00.

Newco. 3X Special. Very effective all-round spray. Gal. \$15.00.

Nico-Fume Liquid. Free nicotine. For killing most soft-bodied insects. Lb. \$2.25, 4 lbs. \$5.75, 8 lbs. \$10.00, 40-lb. drum \$40.00.

Nico-Fume Paper. Gives off nicotine. Ten sheets fumigate 100x20 ft. Box of 24 sheets \$1.25, box of 144 sheets \$4.50, 288 sheets \$8.50.

Nico-Fume Powder. 1-lb. can will fumigate 25,000 cu. ft. Lb. 75c., 5 lbs. \$3.35, 10 lbs. \$5.85.

Nico-Fume Powder, Two-way Pressure-fumigator. 6 lbs. that is 12½-lb. cans, \$5.50; 12 lbs., that is 12 1-lb. cans, \$9.

Red Arrow Insect Spray. A Pyrethrum spray that does not burn or stain the foliage or flowers of the tenderest plants. Qt. \$5.40, gal. \$16.00.

Spra-Tox (D. & P.) A safe, economical and completely efficient spray for general purposes that destroys both the chewing and sucking insects. For under glass and outdoor use. Non-poisonous. Dilutes 50 to 60 times. Gal. \$4.50, 5 gals. \$18.00, 10 gals. \$32.00, 30 gals. \$85.00, 50 gals. \$130.00.

Scalecide. For San Jose scale. 5 gals. \$6.00, 10 gals. \$10.00, 30 gals. \$22.00.

Semesan. A general disinfectant for vegetable and flower, seeds or bulbs. Lb. \$2.50, 5 lbs. \$12.00.

"77" Dust (D. & P.) A soil and seed disinfectant, mixed with soil it affords complete sterilization and thus eradicates the disease fungi that causes damping-off, root and stem rot. 25 lbs. \$7.75, 50 lbs. \$13.50, 100 lbs. \$26.00.

To-Na-Cide. For controlling insect pests that infest the soil. For the best results we have found the application at the rate of about 1 lb. to 40 sq. ft. of bench surface. It is essential that the material be thoroughly watered into the soil after application. 25 lbs. \$6.00, 50 lbs. \$10.00.

Tri-ogen. For mildew, black spot, canker and rust on Roses, stem rot, Delphinium blight and fungus on most other plants.

- A. Kit (makes 16 quarts).....\$1.50
- B. Kit (makes 64 quarts)..... 4.00
- C. Kit (makes 32 gallons)..... 6.00
- D. Kit (makes 128 gallons).....20.00

Tobacco Stems. Fine for mulching. In bales, 400 lbs. and up. \$4.00 per 100 lbs.

Tobacco Leaf Meal. Valuable as a fertilizer and possessing insecticidal properties. \$3.00 per 100 lbs., \$50.00 per ton.

Tobacco Dust. \$4.00 per 100 lbs.

Wilson's O. K. Plant Spray. One of the leading insecticides for aphids, thrips, mealy bugs, scale and many other insects. 5 gals. \$12.00, 10 gals. \$22.00, 25 gals. \$50.00, 50 gals. \$90.00.

Wilson's Weed Killer. Kills weeds in drives, paths, gutters, tennis courts, etc. the quick, easy, permanent way. 5-gal. drum \$8.00, 10-gal. drum \$15.00, 30-gal. drum \$35.00, 55-gal. drum \$55.00.

Wilson's Tri-Tox-Cide. Complete insecticide and fungicide. 5-lb. canister \$3.50, 25-lb. fiber drum \$13.50, 50-lb. fiber drum \$25.00, 100-lb. fiber drum \$45.00.

Wilson's Scale-O. Improved miscible for dormant and delayed dormant spraying of deciduous fruit and shade trees, ornamental shrubs and evergreens. Gal. \$2.00, 5-gal. drum \$9.00, 10-gal. drum \$15.00, 30-gal. drum \$33.00, 55-gal. drum \$55.00.

Fertilizers

Superior-X Fertilizer. A dependable fertilizer for general use, being excellent for lawns and in the Flower and Vegetable garden. It is a real soil-builder and being composed of both organic and inorganic materials it possesses properties which not only provide fertility for a considerable period of time, but aids the soil in the retention of moisture. \$4.50 per 100 lbs., \$68.00 per ton,

Acid Phosphate (Superphosphate) 16%. A source of available phosphoric acid. For soils deficient in phosphates. \$2.50 per 100 lbs., \$38.00 per ton.

Aluminum Sulphate. \$2.00 per 25 lbs., \$3.75 per 50 lbs., \$6.00 per 100 lbs.

Ammo-Phos "8." An unexcelled fertilizer for all crops. \$6.00 per 100 lbs., \$95.00 per ton.

Bonemeal (Raw Bone). \$4.50 per 100 lbs., \$68.00 per ton.

Bonemeal, Steamed. \$4.25 per 100 lbs., \$65.00 per ton.

Bone, Raw (Coarse). ¼-in. pieces. \$6.00 per 100 lbs.

Bone, Raw (Coarse). Rice-size. \$6.00 per 100 lbs.

Blood, Dried. High in nitrogen. \$7.00 per 100 lbs.

Blood & Bone Tankage. High-grade organic stimulant. \$6.00 per 100 lbs.

Cow Manure (Dry Pulverized). \$4.00 per 100 lbs.

Hardwood Ashes. \$4.50 per 100 lbs.

Hormodin "A." A root-forming chemical that stimulates rapid root-growth on cuttings, either hard wood or soft wood. Simply mix material with water as directed and it's ready to use. 5-cc. pkg. (sufficient for 150 to 600 cuttings) \$1.00, 15-cc. pkg. (sufficient for 450 to 1800 cuttings) \$2.00.

Lime, Agricultural. 80-lb. bags. \$1.25 per 100 lbs., \$25.00 per ton.

Mowrah Meal. Worm eradicator. Instant in action. \$6.00 per 100 lbs.

Mako. For turning leaves, clippings and all garden and vegetable waste into rich manure. 100 lbs. Mako makes 2 to 2½ tons organic manure equal and usually superior in analysis to natural farmyard manure. \$6.00 per 100 lbs.

Rhodono. For the conditioning of soil for the culture of Rhododendrons and plants of the same family. \$6.00 per 100 lbs.

Sheep Manure. \$4.00 per 100 lbs., \$60.00 per ton.

Sulphate of Ammonia. Excellent for improving lawns and putting greens, also used for top-dressing crops. \$4.50 per 100 lbs.

Sutton's Simplex Fertilizer. An all-round fertilizer for greenhouses. Highly concentrated. \$9.00 per 50 lbs., \$15.00 per 100 lbs.

Yankee-Mum Manure. Strongly recommended for Chrysanthemums and all florists' crops. \$6.00 per 100 lbs.

POTTING MATERIALS

Charcoal, Dust. \$7.00 per 100 lbs.

Lump. For orchids, etc. \$7.00 per 100 lbs.

Moss, Dry Sphagnum. \$5.00 per bale.

Live Green Sphagnum. \$5.00 per bag.

Peat, Fibrous. For ferns, Begonias, etc. \$3.50 per bag.

For Orchids. \$5.00 per bag.

Peat Moss, Granulated. Keeps soil moist; adds fertility to the soil. \$4.00 per bale; \$17.50 per 5 bales.

Salt Hay. Ideal Winter covering for plants. \$3.00 per large bale, \$13.50 per 5 bales.

Plant Foods

WILSON'S ROSE FOOD. For indoor and outdoor Roses. For new plantings. Use one trowelful, thoroughly mixed with the soil, to each plant. For established Roses rake in a small trowelful around each plant monthly. 100-lb. bag \$8.00, 500-lb. bag \$37.50.

WILSON'S MUM FOOD. For Chrysanthemum, Cineraria and Pelargonium. The best practice is to mix ½ lb. with a bushel of soil before potting. As a top dressing use 1 lb. to each 10 square feet of bench surface. Repeat as response indicates. 100-lb. bag \$8.00, 500-lb. bag \$37.50.

WILSON'S CARNATION FOOD. For strong stems and sturdy bloom. In preparing bench soil use one 5-inch potful to each barrow of soil. As a top dressing, apply 1 lb. to each 20 square feet of bench surface. 100-lb. bag \$8.00, 500-lb. bag \$37.50.

GARDEN REQUISITES

BASKETS.

Vegetable. Oak splint bow handle.

No. 1—18x10 $\frac{1}{2}$ x6.....	\$1.50
No. 2—20x11 $\frac{1}{2}$ x6 $\frac{1}{2}$	1.75
No. 3—22x13 $\frac{1}{2}$ x7.....	2.00
No. 4—24x14 $\frac{1}{2}$ x8.....	2.25
No. 5—26x16x9.....	2.75

BOXES, FLOWER.

Cardboard.	100
18x5x3 in.....	\$5.00
21x7x3 $\frac{1}{2}$ in.....	7.00
24x8x5 in.....	11.00
25x15x5 in.....	14.00
25x15x8 in.....	25.00
26x16x6 in.....	20.00
28x8x5 in.....	13.50
28x8x6 in.....	14.50
30x8x5 in.....	15.00
30x10x6 in.....	18.00
36x8x5 in.....	19.00
36x12x6 in.....	24.00

Corrugated Cardboard. Very strong.

	10	100
30x12x6 in.....	\$4.00	\$30.00
36x14x8 in.....	4.50	35.00
42x16x8 in.....	5.50	45.00
48x18x9 in.....	7.00	60.00
60x20x10 in.....	8.00	70.00

BAMBOO CANES.

Genuine Chinese. Natural, strong, heavy

	100	1000
4 ft. x $\frac{1}{2}$ in. diameter.....	\$3.00	\$25.00
5 ft. x $\frac{1}{2}$ in. diameter.....	4.00	35.00
6 ft. x $\frac{3}{4}$ in. diameter.....	5.00	45.00
8 ft. x $\frac{1}{2}$ in. diameter.....	6.00	55.00

Heavy Chinese. Painted green

4 ft. x $\frac{5}{8}$ to $\frac{3}{4}$ in. diameter.	4.50	40.00
5 ft. x $\frac{5}{8}$ to $\frac{3}{4}$ in. diameter.	5.50	50.00
6 ft. x $\frac{5}{8}$ to $\frac{3}{4}$ in. diameter.	6.50	60.00

Japanese. Painted green.

	1000
3 ft.....	\$6.00
4 ft.....	7.00
5 ft.....	9.00
6 ft.....	16.00

BURLAP

Per yd.

36 in. wide.....	\$0.25
40 in. wide.....	.27
48 in. wide.....	.30
60 in. wide.....	.40

DAHLIA POLES

Square. Extra heavy.

	100
4 ft.....	\$14.00
5 ft.....	15.00
6 ft.....	18.00
6 ft. only, 1 $\frac{1}{4}$ x1 $\frac{1}{4}$ in.....	20.00

GARDEN HOSE.

100 ft.

Electric Garden Hose. Undoubtedly the most satisfactory hose.

$\frac{3}{4}$ in.....	\$22.00
$\frac{1}{2}$ in.....	19.00

Sprayer Hose. Extra-strong hose made to withstand the heavy pressure and corrosive elements used in spraying.

$\frac{1}{2}$ in.....	18.00
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MATS.

Frostproof Burlap. No. 2D. Waterproof duck, one side

	Each	Doz.
40x76 in.....	\$3.00	\$34.00
76x76 in.....	5.50	60.00

TUBS.

Riverton Plant. Neat and strong; round; painted green; cedar with welded hoops.

No.	Diam.	Outside Height	Each
10	21 $\frac{1}{2}$ in.	20 in.....	\$4.50
20	19 $\frac{1}{4}$ in.	18 in.....	4.00
30	17 in.	16 in.....	3.50
40	15 in.	14 in.....	2.50
50	12 $\frac{3}{4}$ in.	13 in.....	1.75
60	10 $\frac{3}{4}$ in.	10 in.....	1.25

WIRE STAKES

Galvanized

	100
3 ft.....	\$3.00
4 ft.....	3.50
5 ft.....	4.00

FLOWER POTS, STANDARD

Best on the market.

Diam. at top	Doz.	100	1000
2 in.....	\$0.30	\$1.75	\$15.00
2 $\frac{1}{2}$ in.....	.35	2.00	17.50
3 in.....	.35	2.75	22.50
4 in.....	.75	4.00	32.50
5 in.....	1.10	7.00	57.50
6 in.....	1.60	10.00	85.00
7 in.....	2.60	16.00	135.00
8 in.....	3.20	20.00	190.00

Saucers for Above

Diam. at top	Doz.	100
4 in.....	\$0.50	\$ 3.50
5 in.....	.55	4.00
6 in.....	.90	6.50
7 in.....	1.10	8.50
8 in.....	1.60	12.00
9 in.....	2.00	16.00

BULB PANS

Diam. at top	Doz.	100
6 in.....	\$2.00	\$12.00
7 in.....	2.50	17.50
8 in.....	3.50	25.00
9 in.....	5.50	40.00
10 in.....	7.50	50.00
12 in.....	13.50	100.00

GARDEN REQUISITES—Continued

SQUARE PANS

Size	Doz.
6x 6 in.....	\$ 9.75
8x 8 in.....	13.75
10x10 in.....	16.50
12x12 in.....	19.25

AZALEA POTS

Resemble bulb pans, but deeper. Earthenware.

Diam. at top	Doz.	100
6 in.....	\$2.00	\$12.00
7 in.....	2.50	17.50
8 in.....	3.50	25.00
9 in.....	5.50	40.00
10 in.....	7.50	50.00

POT or GARDEN LABELS

Wooden. Painted.	100	1000
4 in.....	\$0.45	\$2.50
5 in.....	.55	2.75
6 in.....	.65	3.00
8x $\frac{7}{8}$ in.....	1.00	6.00
10x $\frac{7}{8}$ in.....	1.50	7.25
12x1 $\frac{1}{8}$ in.....	1.60	10.50
Copper-wired. 3 $\frac{1}{2}$ in. painted.	.50	3.75

SAVAGE DUSTER

For large dusting operations, this machine will be found unusually suited to field conditions. The nozzle arm may be raised or lowered for short or tall plants or trees. Will also swing to the rear eliminating the blowing back of the powder in the face of the operator. It is geared very high with the result slow cranking gives desired distribution of the powder. Feed lever may be instantly adjusted from 1 to 20 lbs. per acre.

Construction—Heavy sheet metal, bronze and steel gears, aluminum fan and housing, under leaf elbow, rubber nozzle, ball-bearing throughout. Capacity, 7 to 10 lbs; carrying straps, broad and adjustable. \$22.50; two-row attachment, extra \$3.50.

GOLD SEAL SPRAYERS

We apply the most careful tests to every sprayer, large or small, before it receives our endorsement. Experience of more than 35 years enables us to select units representative of the best in their class. Furthermore, we carry a complete stock of replacement parts such as rubber gaskets, plunger cups, etc. for all bearing the gold seal. These, together with extra hose, nozzles, extensions, etc., are ready for immediate shipment.

Gold Seal Sprayer No. 1

(Capacity, 4 gallons)

Of exceptional strength and durability, the Gold Seal Sprayer No. 1 will give long and satisfactory service. Tank is of extra gauge metal, heavily corrugated and double seamed.

Specifications—Capacity a full 4-gallons, 2-foot hose section equipped with 2-foot brass extension rod, non-clog universal nozzle, auto pop shut-off control and adjustable shoulder strap.

Complete with galvanized tank, \$6.25, copper tank, \$9.50

Gold Seal Sprayer No. 2

(Capacity, 4 gallons)

Convenient type for many uses. Especially adapted for small garden, greenhouse and vineyard service. Tank carried on the back of the operator supplies liquid to the pump, which forces it into a "built in" air chamber. Ease of pumping is the outstanding feature. Equipment includes 3 feet of spray hose, automatic shut-off and spray nozzle.

Complete with galvanized tank, \$12.75; copper tank, \$20.00

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Pictured here in color

1. *Lilium auratum*
2. *Lilium canadense*
(Meadow Lily)
3. *Lilium speciosum*
rubrum
4. *Lilium tigrinum*
splendens

SUPERIOR SEED, BULB & PLANT CO.

71-79 West 45th Street, NEW YORK, N. Y.